

**LUPEROX® EZBREAKER® 200AF****1. PRODUCT AND COMPANY IDENTIFICATION****Company**

Arkema Inc.  
900 First Avenue  
King of Prussia, Pennsylvania 19406

**Functional Additives**

**Customer Service Telephone Number:** (800) 331-7654  
(Monday through Friday, 8:00 AM to 5:00 PM EST)

**Emergency Information**

**Transportation:** CHEMTREC: (800) 424-9300  
(24 hrs., 7 days a week)  
**Medical:** Rocky Mountain Poison Center: (866) 767-5089  
(24 hrs., 7 days a week)

**Product Information**

**Product name:** LUPEROX® EZBREAKER® 200AF  
**Synonyms:** Not available  
**Molecular formula:** Complex Mixture  
**Chemical family:** Organic peroxide - hydroperoxides  
**Product use:** Viscosity modifier

**2. HAZARDS IDENTIFICATION****Emergency Overview**

**Color:** colorless to brown  
**Physical state:** liquid  
**Odor:** Bleach-like

**\*Classification of the substance or mixture:**

Flammable liquid., Category 4, H227  
Organic peroxides, Type G  
Serious eye damage, Category 1, H318  
Skin sensitisation, Category 1, H317  
Germ cell mutagenicity, Category 2, H341  
Chronic aquatic toxicity, Category 3, H412

\*For the full text of the H-Statements mentioned in this Section, see Section 16.

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**GHS-Labeling**

Hazard pictograms:



Signal word:

**Danger**

**Hazard statements:**

- H227 : Combustible liquid.
- H318 : Causes serious eye damage.
- H317 : May cause an allergic skin reaction.
- H341 : Suspected of causing genetic defects.
- H412 : Harmful to aquatic life with long lasting effects.

**Supplemental Hazard Statements:**

- Organic peroxide.
- Hazardous decomposition may occur.

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**Precautionary statements:**

**Prevention:**

- P201 : Obtain special instructions before use.
- P202 : Do not handle until all safety precautions have been read and understood.
- P210 : Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P261 : Avoid breathing gas/mist/vapours/spray.
- P264 : Wash skin thoroughly after handling.
- P272 : Contaminated work clothing should not be allowed out of the workplace.
- P273 : Avoid release to the environment.
- P280 : Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P281 : Use personal protective equipment as required.

**Response:**

- P302 + P352 : IF ON SKIN: Wash with plenty of water.
- P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313 : IF exposed or concerned: Get medical advice/ attention.
- P310 : Immediately call a POISON CENTER/doctor.
- P333 + P313 : If skin irritation or rash occurs: Get medical advice/ attention.
- P363 : Wash contaminated clothing before reuse.
- P370 + P378 : In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

**Storage:**

- P403 + P235 : Store in a well-ventilated place. Keep cool.
- P405 : Store locked up.

**Disposal:**

- P501 : Dispose of contents/ container to an approved waste disposal plant.

**Supplemental information:**

**Potential Health Effects:**

If swallowed, may cause severe irritation and injury to the mouth, throat and digestive tract.

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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Chemical Name	CAS-No.	Wt/Wt	GHS Classification**
Water	7732-18-5	>= 72 - <= 74 %	Not classified
1,2-Propanediol	57-55-6	>= 19 - < 21 %	Not classified

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Proprietary viscosity modifier	NJTSN# 03365400- 5094P*	< 5.5 %	H242, H226, H302, H311, H330, H314, H318, H317, H341, H411
Phosphoric acid, dipotassium salt	7758-11-4	>= 1 - < 3 %	Not classified

\*The specific chemical identity is withheld because it is trade secret information of Arkema Inc.

\*\*For the full text of the H-Statements mentioned in this Section, see Section 16.

**4. FIRST AID MEASURES**

**4.1. Description of necessary first-aid measures:**

**Inhalation:**

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Skin:**

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Thoroughly clean shoes before reuse.

**Eyes:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**Ingestion:**

If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

**4.2. Most important symptoms/effects, acute and delayed:**

For most important symptoms and effects (acute and delayed), see Section 2 (Hazard Statements and Supplemental Information) and Section 11 (Toxicology Information) of this SDS.

**4.3. Indication of immediate medical attention and special treatment needed, if necessary:**

Unless otherwise noted in Notes to Physician, no specific treatment noted; treat symptomatically.

**5. FIREFIGHTING MEASURES**

**Extinguishing media (suitable):**

Water spray, Carbon dioxide (CO2), Foam, Dry chemical

**Extinguishing media (unsuitable):**

Water may be ineffective., Do not use a solid water stream as it may scatter and spread fire.

**LUPEROX® EZBREAKER® 200AF****Protective equipment:**

Fire fighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand / NIOSH approved or equivalent).

**Further firefighting advice:**

Cool closed containers exposed to fire with water spray.

Closed containers of this material may explode when subjected to heat from surrounding fire.

Fight fire with large amounts of water from a safe distance.

After a fire, wait until the material has cooled to room temperature before initiating clean-up activities.

Do not allow run-off from fire fighting to enter drains or water courses.

Fire fighting equipment should be thoroughly decontaminated after use.

**Fire and explosion hazards:**

When burned, the following hazardous products of combustion can occur:

Carbon oxides

Hazardous organic compounds

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, Emergency procedures, Methods and materials for containment/clean-up:**

Prevent further leakage or spillage if you can do so without risk. Evacuate area of all unnecessary personnel. Ventilate the area. Eliminate all ignition sources. Avoid generation of vapors. Contain and collect spillage with non-combustible absorbent material such as sodium bicarbonate, sodium carbonate, calcium carbonate, clean sand or non-acidic clay and then wet down (dampen) the mixture with water. DO NOT USE peat moss. Sweep or scoop up using non-sparking tools and place into suitable properly labeled containers for prompt disposal. The sweepings should be wetted down further with water. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

**Protective equipment:**

Appropriate personal protective equipment is set forth in Section 8.

**LUPEROX® EZBREAKER® 200AF****7. HANDLING AND STORAGE****Handling****General information on handling:**

Do not taste or swallow.

Avoid breathing vapor or mist.

Do not get in eyes, on skin, or on clothing.

Prevent product contamination.

Keep away from heat and flames.

No smoking.

Keep container tightly closed and away from combustible materials.

Use only with adequate ventilation.

Wash thoroughly after handling.

Check that all equipment is properly grounded and installed to satisfy electrical classification requirements.

Emptied container retains product residue.

Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

RESIDUAL VAPORS MAY EXPLODE ON IGNITION.

DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR THIS CONTAINER.

**Storage****General information on storage conditions:**

Keep in a dry, cool place. Keep container closed when not in use. Store in upright position only. Store in closed containers, in a secure area to prevent container damage and subsequent spillage. Outside or detached storage is preferred. Store out of direct sunlight in a cool well-ventilated place. Store away from combustibles and materials to avoid. Store in well ventilated area away from heat and sources of ignition such as flame, sparks and static electricity. Ensure that all storage and handling equipment is properly grounded and installed to satisfy electrical classification requirements. Static electricity may accumulate when transferring material. All metal and groundable storage containers, including but not limited to drums, cylinders, Returnable Intermodal Bulk Containers (RIBCs) and Class C Flexible Intermodal Bulk Containers (FIBCs) must be bonded and grounded during filling and emptying operations. Observe all federal, state and local regulations and National Fire Protection Association (NFPA) Codes which pertain to the specific local conditions of storage and use, including OSHA 29 CFR 1910.106 and NFPA 30, 70, 77, and 497. Refer also to National Fire Protection Association (NFPA) Code 400, Hazardous Materials Code.

**Storage stability – Remarks:**

Follow the recommended storage temperatures provided in this Section in order to maintain stability and oxygen content.

**Storage incompatibility – General:**

Store away from excessive heat, sources of ignition, and reactive materials.

Store separate from:

Strong acids

Strong bases

Strong oxidizing agents

Reducing agents

Accelerators

Friedel - Crafts reaction catalyst

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transition metal salts

metal ions

Sulphur compounds

Ketones

Brass

Copper

Iron

For all Organic Peroxides, compatible materials of contact are stainless steel 304 or 316 (preferred), high-density polyethylene (HDPE), polytetrafluoroethylene or glass linings.

**Temperature tolerance – Do not store below:–**  
14 °F (-10 °C)

**Temperature tolerance – Do not store above:**  
100 °F (38 °C)

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Airborne Exposure Guidelines:**

**1,2-Propanediol (57-55-6)**

US. OARS. WEELs Workplace Environmental Exposure Level Guide

<b>Form:</b>	Aerosol
Time weighted average	10 mg/m3
<b>Form:</b>	Aerosol
<b>Remarks:</b>	Listed

Only those components with exposure limits are printed in this section. Limits with skin contact designation above have skin contact effect. Air sampling alone is insufficient to accurately quantitate exposure. Measures to prevent significant cutaneous absorption may be required. Limits with a sensitizer designation above mean that exposure to this material may cause allergic reactions.

**Engineering controls:**

Investigate engineering techniques to reduce exposures below airborne exposure limits or to otherwise reduce exposures. Provide ventilation if necessary to minimize exposures or to control exposure levels to below airborne exposure limits (if applicable see above). If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

**Respiratory protection:**

Avoid breathing vapor or mist. Where airborne exposure is likely or airborne exposure limits are exceeded (if

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applicable, see above), use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. Consult respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure or where exposure limit may be significantly exceeded, use an approved full face positive-pressure, self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR § 1910.134.

**Skin protection:**

Wear appropriate chemical resistant protective clothing and chemical resistant gloves to prevent skin contact. Consult glove manufacturer to determine appropriate type glove material for given application. Wear chemical goggles, a face shield, and chemical resistant clothing such as a rubber apron when splashing may occur. Rinse immediately if skin is contaminated. Remove contaminated clothing immediately and wash before reuse. Clean protective equipment before reuse. Provide a safety shower at any location where skin contact can occur. Wash thoroughly after handling.

**Eye protection:**

Where there is potential for eye contact, wear a face shield, chemical goggles, and have eye flushing equipment immediately available.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Color:</b>	colorless to brown
<b>Physical state:</b>	liquid
<b>Odor:</b>	Bleach-like
<b>Odor threshold:</b>	No data available
<b>Flash point</b>	142 - 199 °F (61 - 93 °C) (Method: closed cup)
<b>Auto-ignition temperature:</b>	No data available
<b>Lower flammable limit (LFL):</b>	No data available
<b>Upper flammable limit (UFL):</b>	No data available
<b>pH:</b>	3 - 4
<b>Density:</b>	No data available
<b>Specific Gravity (Relative density):</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor density:</b>	No data available
<b>Boiling point/boiling</b>	Decomposes before boiling. Rate of decomposition increases with rising

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<b>range:</b>	temperature.
<b>Melting point/range:</b>	No data available
<b>Freezing point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Solubility in water:</b>	completely miscible
<b>Viscosity, dynamic:</b>	No data available
<b>Oil/water partition coefficient:</b>	No data available
<b>Self-Accelerating Decomposition Temperature (SADT):</b>	Not applicable
<b>Thermal decomposition</b>	No data available
<b>Flammability:</b>	See GHS Classification In Section 2

**10. STABILITY AND REACTIVITY**

**Stability:**

This material is chemically stable under normal and anticipated storage, handling and processing conditions. See HANDLING AND STORAGE section of this SDS for specified conditions.

**Hazardous reactions:**

Hazardous polymerization does not occur.

**Materials to avoid:**

- Strong acids
- Strong bases
- Strong oxidizing agents
- Reducing agents
- Accelerators
- Friedel - Crafts reaction catalyst
- transition metal salts
- metal ions
- Sulphur compounds
- Ketones
- Brass
- Copper
- Iron

For all Organic Peroxides, compatible materials of contact are stainless steel 304 or 316 (preferred), high-density polyethylene (HDPE), polytetrafluoroethylene or glass linings.

**Conditions / hazards to avoid:**

See HANDLING AND STORAGE section of this SDS for specified conditions.

**Hazardous decomposition products:**

Thermal decomposition giving flammable and toxic products :

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Carbon oxides  
Hazardous organic compounds

**11. TOXICOLOGICAL INFORMATION**

Data on this material and/or its components are summarized below.

**Data for LUPEROX® EZBREAKER® 200AF****Acute toxicity****Oral:**

Acute toxicity estimate > 5,000 mg/kg.

**Dermal:**

Acute toxicity estimate > 5,000 mg/kg.

**Inhalation:**

4 h Acute toxicity estimate 37 mg/l. (vapor)

**Data for 1,2-Propanediol (57-55-6)****Acute toxicity****Oral:**

Practically nontoxic. (Rat) LD50 = 22,000 mg/kg.

**Dermal:**

No deaths occurred. (Rabbit) LDO = 2,000 mg/kg.

**Inhalation:**

Practically nontoxic. (Rabbit) 2 h LC0 > 317 mg/l.

**Skin Irritation:**

Non-irritating (Rabbit) Irritation Index: 0 / 8. (4 h)

**Eye Irritation:**

Mild eye irritation (Rabbit)

**Skin Sensitization:**

Not a skin sensitizer Guinea pig maximization test. (Guinea pig) No skin allergy was observed

Not a skin sensitizer LLNA: Local Lymph Node Assay. (Mouse) No skin allergy was observed

**Repeated dose toxicity**

2 years dietary administration to rat and dog / No adverse effects reported.

3 months inhalation administration to Rat / affected organ(s): respiratory tract / signs: Nose bleeding, eye irritation / No adverse systemic effects reported. (Aerosol)

**Carcinogenicity**

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Long term oral, dermal administration to rat and mouse / signs: No increase in tumor incidence was reported.

**Genotoxicity****Assessment in Vitro:**

No genetic changes were observed in laboratory tests using: bacteria, human cells

**Genotoxicity****Assessment In Vivo:**

No genetic changes were observed in laboratory tests using: rats, mice

**Developmental toxicity**

Exposure during pregnancy. oral (Mouse) / No birth defects were observed.

**Reproductive effects**

Continuous breeding studies. drinking water (Mouse) / No toxicity to reproduction.

**Human experience****Inhalation:**

Upper respiratory tract: irritation. Mist and/or vapor are reported to cause irritation when proper industrial hygiene controls/procedures are not used.

**Human experience****Skin contact:**

Skin: Allergic reactions. (subjects with dermatitis or eczema)

Skin: No skin allergy was observed. (studied using human volunteers) Irritant but not a sensitizer. (repeated or prolonged exposure)

**Human experience****Eye contact:**

Eyes: Irritation. Mist and/or vapor are reported to cause irritation when proper industrial hygiene controls/procedures are not used.

**Human experience****Ingestion:**

Systemic effects: central nervous system depression. (severity of effects depends on extent of exposure)

**Data for Proprietary viscosity modifier (NJTSN# 03365400-5094P)****Acute toxicity****Oral:**

Harmful if swallowed. (rat) LD50 = 560 mg/kg. (70 %)

**Dermal:**

Toxic in contact with skin. (rabbit) LD50 = 440 - 553 mg/kg. (70 %) (as aqueous solution)

**Inhalation:**

Fatal if inhaled. (rat) 4 h LC50 = 1.85 mg/l 503 ppm. (vapor)

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**Skin Irritation:**

Causes severe skin burns. (rabbit) (24 h) (70 %) (occluded exposure, aqueous solution)

Causes mild skin irritation. (guinea pig) (6 h) (5 %) (aqueous solution)

**Eye Irritation:**

Causes serious eye damage. (rabbit) (70 %) (aqueous solution)

**Skin Sensitization:**

May cause an allergic skin reaction. Guinea pig maximization test. (guinea pig) Skin allergy was observed. (Strong sensitizer)

**Repeated dose toxicity**

Repeated inhalation administration to rat / affected organ(s): nose / signs: changes in body weight, irritation / (vapor)

Repeated oral administration to rat / affected organ(s): stomach / signs: severe irritation

**Genotoxicity****Assessment In Vitro:**

Genetic changes were observed in laboratory tests using: bacteria, animal cells

**Genotoxicity****Assessment In Vivo:**

Both positive and negative responses for genetic changes were observed in laboratory tests using: mice

No genetic changes were observed in laboratory tests using: rats

**Developmental toxicity**

Exposure during pregnancy. oral (rat) / No birth defects were observed. (at doses that produce effects in mothers)

**Reproductive effects**

Reproductive/Developmental Effects Screening Assay. oral (rat) / No toxicity to reproduction.

**Data for Phosphoric acid, dipotassium salt (7758-11-4)****Acute toxicity****Oral:**

No deaths occurred. (rat) LD<sub>0</sub> = 2,000 mg/kg.

**Dermal:**

Practically nontoxic. (rabbit) LD<sub>50</sub> > 5,000 mg/kg.

**Inhalation:**

No deaths occurred. (rat) 4 h LC<sub>0</sub> = 0.83 mg/l. (dust/mist, data for a similar material)

**Skin Irritation:**

Causes mild skin irritation. (rabbit) Irritation Index: 1.79/8.0. (24 h)

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Practically non-irritating. (rabbit) Irritation Index: 0.6/8.0. (4 h) (50 %) (aqueous solution)

**Eye Irritation:**

Causes mild eye irritation. (rabbit) Irritation Index: 6/110. (powder)

Causes mild eye irritation. (rabbit) Irritation Index: 6/110. (50 %) (aqueous solution)

**Skin Sensitization:**

Not a sensitizer. LLNA: Local Lymph Node Assay. (mouse) No skin allergy was observed (as sodium salt)

**Repeated dose toxicity**

Repeated oral administration to rat / No adverse systemic effects reported.

Subchronic dietary administration to rat / affected organ(s): kidney / signs: changes in organ weights

Subchronic dietary administration to dog / affected organ(s): kidney / signs: atrophy, clinical chemistry changes / (Repeated administration and at high doses :)

**Genotoxicity****Assessment In Vitro:**

No genetic changes were observed in laboratory tests using: animal cells, bacteria

**Developmental toxicity**

Reproductive/Developmental Effects Screening Assay. Oral (rat) / No birth defects were observed.

**Reproductive effects**

Reproductive/Developmental Effects Screening Assay. Oral (rat) / No toxicity to reproduction.

**12. ECOLOGICAL INFORMATION****Chemical Fate and Pathway**

Data on this material and/or its components are summarized below.

**Data for 1,2-Propanediol (57-55-6)****Biodegradation:**

Readily biodegradable. (28 d) biodegradation 81.7 %

**Octanol Water Partition Coefficient:**

log Pow = -1.07 (measured)

**Data for Proprietary viscosity modifier (NJTSN# 03365400-5094P)****Biodegradation:**

Not readily biodegradable. (28 d) biodegradation 0 %

**Octanol Water Partition Coefficient:**

log Pow = 0.846 (Not expected to bioaccumulate.)

**Photodegradation:**

Air reaction with OH radicals Half-life direct photolysis: = 5.3 d

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**Ecotoxicology**

Data on this material and/or its components are summarized below.

**Data for 1,2-Propanediol (57-55-6)****Aquatic toxicity data:**

Practically nontoxic. *Oncorhynchus mykiss* (rainbow trout) 96 h LC50 = 40,613 mg/l

**Aquatic invertebrates:**

Practically nontoxic. *Mysidopsis bahia* 96 h LC50 = 18,800 mg/l

Practically nontoxic. *Ceriodaphnia dubia* 48 h LC50 = 18,340 mg/l

**Algae:**

Practically nontoxic. *Pseudokirchneriella subcapitata* (green algae) 96 h EC50 = 19,000 mg/l

**Microorganisms:**

Growth Inhibition / *Pseudomonas putida* 18 h NOEC > 20,000 mg/l

**Chronic toxicity to aquatic invertebrates:**

*Ceriodaphnia dubia* 7 d NOEC (reproduction) = 13,020 mg/l

**Chronic toxicity to aquatic plants:**

*Pseudokirchneriella subcapitata* 14 d NOEC (growth rate) = 15000 mg/l

**Data for Proprietary viscosity modifier (NJTSN# 03365400-5094P)****Aquatic toxicity data:**

Harmful. *Pimephales promelas* (fathead minnow) 48 h LC50 = 29.61 mg/l

Harmful. *Poecilia reticulata* (guppy) 96 h LC50 = 56.9 mg/l

**Aquatic invertebrates:**

Harmful. *Daphnia magna* (Water flea) 48 h EC50 = 14.1 mg/l

**Algae:**

Toxic. Algae 72 h EC50 = 1.5 mg/l

**Microorganisms:**

Respiration inhibition / Activated sludge 0.5 h EC50 = 17 mg/l

**Chronic toxicity to aquatic plants:**

*Pseudokirchneriella subcapitata* (green algae) 72 h NOEC r = 0.22 mg/l

**Data for Phosphoric acid, dipotassium salt (7758-11-4)****Aquatic toxicity data:**

Practically nontoxic. *Oryzias latipes* (Orange-red killifish) 96 h LC50 > 100 mg/l

**Aquatic invertebrates:**

Harmful. *Daphnia magna* (Water flea) 48 h EC50 = 72.3 mg/l

**Algae:**

Practically nontoxic. *Selenastrum capricornutum* (green algae) 72 h EC50 > 100 mg/l

**Microorganisms:**

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Respiration inhibition / Activated sludge 3 h EC50 > 1,000 mg/l

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:**

Dilution followed by incineration is the preferred method. Dilution ratio of 10:1 in a clean, compatible, combustible solvent (i.e., Fuel Oil #2, mineral oil) will reduce reactivity hazard during incineration and transportation. Dispose of in accordance with federal, state and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

Take appropriate measures to prevent release to the environment.

**14. TRANSPORT INFORMATION**

**US Department of Transportation (DOT):** not regulated

**Special Shipping Information:** Bulk Shipments: NA 1993, Combustible Liquids, NOS (Acetone, t-Butyl Alcohol), Combustible Liquid, PGIII

**International Maritime Dangerous Goods Code (IMDG):** not regulated

**15. REGULATORY INFORMATION**

**Chemical Inventory Status**

EU. EINECS	EINECS	Conforms to
United States TSCA Inventory	TSCA	The components of this product are all on the TSCA Inventory.
Canadian Domestic Substances List (DSL)	DSL	All components of this product are on the Canadian DSL
China. Inventory of Existing Chemical Substances in China (IECSC)	IECSC (CN)	Conforms to
Japan. ENCS - Existing and New Chemical Substances Inventory	ENCS (JP)	Conforms to
Japan. ISHL - Inventory of Chemical Substances	ISHL (JP)	Conforms to
Korea. Korean Existing Chemicals Inventory (KECI)	KECI (KR)	Conforms to
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	PICCS (PH)	Conforms to

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Australia Inventory of Chemical Substances (AICS)    AICS    Conforms to

**United States – Federal Regulations**

**SARA Title III – Section 302 Extremely Hazardous Chemicals:**

The components in this product are either not SARA Section 302 regulated or regulated but present in negligible concentrations.

**SARA Title III - Section 311/312 Hazard Categories:**

Fire Hazard, Acute Health Hazard, Chronic Health Hazard, Reactivity Hazard

**SARA Title III – Section 313 Toxic Chemicals:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantity (RQ):**

<u>Chemical name</u>	<u>CAS-No.</u>	<u>Reportable quantity</u>
2-Propanone	67-64-1	5000 lbs
2-Propanol, 2-methyl-	75-65-0	100 lbs
Proprietary viscosity modifier	NJTSN# 03365400-5094P	100 lbs

**United States – State Regulations**

**New Jersey Right to Know**

<u>Chemical name</u>	<u>CAS-No.</u>
1,2-Propanediol	57-55-6
Proprietary viscosity modifier	NJTSN# 03365400-5094P

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**New Jersey Right to Know – Special Health Hazard Substance(s)**

<u>Chemical name</u>	<u>CAS-No.</u>
Proprietary viscosity modifier	NJTSN# 03365400-5094P

**Pennsylvania Right to Know**

<u>Chemical name</u>	<u>CAS-No.</u>
Water	7732-18-5
1,2-Propanediol	57-55-6
Proprietary viscosity modifier	NJTSN# 03365400-5094P
2-Propanone	67-64-1
2-Propanol, 2-methyl-	75-65-0

**Pennsylvania Right to Know – Environmentally Hazardous Substance(s)**

<u>Chemical name</u>	<u>CAS-No.</u>
2-Propanone	67-64-1
2-Propanol, 2-methyl-	75-65-0

**California Prop. 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive defects.

**16. OTHER INFORMATION**

**Full text of H-Statements referred to under sections 2 and 3.**

- H226 Flammable liquid and vapour.
- H227 Combustible liquid.
- H242 Heating may cause a fire.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H341 Suspected of causing genetic defects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

**Miscellaneous:**

Other Information: Refer to National Fire Protection Association (NFPA) Codes 30, 70, 77, and 497 and OSHA 29 CFR 1910.106, for safe handling.

**Latest Revision(s):**

**LUPEROX® EZBREAKER® 200AF**

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Reference number: 00000080241  
Date of Revision: 08/29/2016  
Date Printed: 08/29/2016

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